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(CHESHIRE)



MEDICAL OFFICER
OF HEALTH'S
REPORT

*for the Year ended
31st December, 1949*



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BREDBURY and ROMILEY URBAN DISTRICT COUNCIL
(CHESHIRE)



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

for the year ended 31st December, 1949

The Public Health Officers of the District are :—

MEDICAL OFFICER OF HEALTH (whole-time)
Dr. C. G. K. THOMPSON, M.B., D.P.H.

SANITARY INSPECTOR (whole-time)
ROBERT WM. MUSK, M.S.I.A.

Council Offices, Bredbury — Tel. WOO 2213.
after 5 p.m. (Residence) — Tel. WOO 2348.

CLERK AND ASSISTANT TO SANITARY INSPECTOR (whole-time)
JOHN ASHWORTH

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres :—

| | | |
|--------------------------------------------------------|-----|-------|
| Bredbury Ward (which includes Woodley and Brinnington) | ... | 2,786 |
| Romiley Ward (which includes Chadkirk) | ... | 1,183 |
| Compstall Ward | ... | 784 |

Total Area in Acres ... 4,753

| | | |
|---------------------------------------------|-----|-----------|
| Estimated population at mid-year 1949 | ... | 17,570. |
| Rateable value, December, 1949 | ... | £101,332. |
| Estimated Product of a Penny Rate | ... | £382. |
| New houses entered in rate book during 1949 | ... | 117. |
| Number of empty houses in district | ... | Nil. |

Description.

A great deal of the area, particularly in Romiley, is residential in character. This section of the community is engaged chiefly in business in Manchester and the surrounding towns.

Local industry is largely confined to Bredbury and whilst the area is consequently more industrial in type, it is preserved from the usual attendant of ugliness by reason of the many open spaces, much of it farmland. The chief work places include a large Steel Works, Brick Yard, Cotton Mill, Hatting Works, Butchers' Yards and a large Laundry.

ANNUAL REPORT for 1949.

Mr. Chairman, Ladies and Gentlemen,

The vital statistics for the year are entirely satisfactory. Birth rate increased from 15.21 in 1948, to 17.25 Stillbirth rate down from 29.3 in 1948, to 13.2. These are offset by a regrettable increase in the Infant Mortality rate for 1949, i.e., 11.32 to 23.1. But, as explained in the last Report, that with so low a total Birth figure of 299 one death would mean a rate of over three per thousand. Conversely, Bredbury and Romiley can never have an infant mortality rate of less than three, unless it be nil, which is too much to hope for. There is no evidence of a decisive nature which at this stage would enable me to explain in general or even special terms the cause of the increase in infant mortality in 1949. Again, however, no mother died in childbirth, which is as it should be.

I would like to mention here the beginning of an Ante-Natal Clinic at Bredbury under the Divisional Health Administration. It started merely as a transfer of the already flourishing Hazel Grove Clinic, whose premises had to be vacated for extensive alteration. At the time of writing Hazel Grove has re-opened, but Bredbury Clinic remains and is in a flourishing state. It has been welcomed by mothers and Practitioners alike. Mr. Calvert, Consultant Obstetrician, who is doing great work at the Clinic, is happily imbued with the importance of prevention, and education in Health matters, a point of view that is undoubtedly rare and must be encouraged.

Health Education.

Education in the healthy way of living must proceed apace. Indeed, much faster than heretofore, if the pressure on the Hospital Services is to be eased. But it is futile, in fact farcical, for the Health Visitors, Sanitary Inspectors and Social workers who visit people in their homes, to spread information about health matters when the homes they are living in are over-crowded, dilapidated, unhealthy, mean and out-of-date. Until, as I have said before, proper and adequate houses are provided for those who need them it is a well nigh hopeless task to attempt to educate the tenants of such mean dwellings.

Housing.

Is still inadequate in the district, and will become worse unless new houses are built at a rate greater than the increase in demand. As long as marriages are performed and the birthrate remains steady and the old people live longer, which is the situation at present, there will always be a demand for adequate housing. Further, until that demand is satisfied or nearly so, there must be delay in the Health Education programme bearing fruit.

Yours faithfully,

C. G. K. THOMPSON,

MEDICAL OFFICER OF HEALTH.

OPEN SPACES.

| Ward | Existing public open spaces | Land owned by the Council and reserved as proposed public open spaces | Other land previously reserved as proposed public open spaces | Proposed public open spaces in the form of Park-ways along main roads |
|------------------|-----------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------|
| | Acres | Acres | Acres | Acres |
| Bredbury | 31.41 | 65.79 | 241.21 | 40.33 |
| Romiley | 5.96 | 35.95 | 48.94 | 3.20 |
| Compstall | 2.04 | — | — | — |
| Totals | 39.41 | 101.74 | 290.15 | 43.53 |

The amount of existing public open spaces in the district in the form of parks, recreation grounds, etc., is approximately forty acres, whilst further areas amounting to over 100 acres are at present owned by the Council, and are reserved in the Planning Schemes or proposed public open spaces. This means that Bredbury and Romiley will have more than eight acres of public open spaces per 1,000 population in the very near future, and so exceeds the minimum figure of seven acres per 1,000 quoted by many planning authorities.

BIRTHS.

Births registered within the District :

| | Males | Females | Totals |
|------------------|-------|---------|--------|
| Bredbury | 43 | 40 | 83 |
| Romiley | 13 | 17 | 30 |
| Compstall | 2 | 2 | 4 |
| Totals | 58 | 59 | 117 |

Births registered outside the District :

Bredbury Romiley and Compstall ... Males 99. Females 83. Total 182.
 Total number of live births belonging to district ... 299.
 Still birth for the district were :
 Legitimate Males, 3, Females, 1. Illegitimate Males, Nil, Females, Nil.
 Total 4.
 Birth rate per 1,000 population ... 17.25.
 Still birth rate per 1,000 live and still births ... 13.20.

DEATHS.

Death registered in District of people belonging thereto :

| | Males. | Females. | Total. |
|------------------|--------|----------|--------|
| Bredbury | 49 | 44 | 93 |
| Romiley | 17 | 30 | 47 |
| Compstall | 3 | 3 | 6 |
| Totals | 69 | 77 | 146 |

Deaths registered elsewhere :

Bredbury, Romiley and Compstall ... Males, 34, Females, 27. Totals, 61.
 Total of whole District ... Males 103, Females 104. Totals, 207.
 Death rate per 1,000 population ... 11.21.
 (a) Deaths from Puerperal Swpsis ... Nil.
 (b) Other Puerperal Causes ... Nil.

Infantile Mortality :

Deaths of infants under 1 year of age ... Males 7, Females Nil. Total 7.
 Legitimate Males 7, Females Nil. Illegitimate Males, Nil. Females, Nil.
 Total 7.

Rates :

Maternal Mortality Nil.
 Infantile Mortality 23.10.
 Legitimate still births per 1,000 legitimate live births ... 13.79.
 Illegitimate still births per 1,000 illegitimate live births ... 0.000.
 Deaths from Cancer (all ages) ... Males 18, Females 21. Total 39.
 „ „ Measles (all ages) Nil.
 „ „ Whooping Cough Nil.
 „ „ Diarrhoea (under 2 years) ... 1.

VITAL STATISTICS.

(a) Births 1939—1949.

| Year | Population (estimated) to Mid-Year | LIVE BIRTHS | | | STILL BIRTHS | | |
|------|------------------------------------------|-------------|------------|--------------|----------------------|----------------------|------------------------|
| | | Total | Legitimate | Illegitimate | Total | Legitimate | Illegitimate |
| | | | | | Rate per 1000 pop | Rate per 1000 pop | Rate per 1000 pop |
| | | | | | | | live & still births |
| 1939 | 15790 | 231 | 226 | 5 | 14·62 | 14 | — |
| 1940 | 17090 | 233 | 228 | 5 | 14·48 | 8 | — |
| 1941 | 16400 | 232 | 227 | 5 | 14·14 | 9 | — |
| 1942 | 16050 | 263 | 251 | 12 | 16·4 | 14 | — |
| 1943 | 15790 | 284 | 275 | 9 | 18·0 | 7 | — |
| 1944 | 15910 | 307 | 298 | 9 | 19·0 | 11 | — |
| 1945 | 15960 | 309 | 295 | 14 | 19·31 | 6 | — |
| 1946 | 16780 | 307 | 290 | 17 | 18·30 | 13 | — |
| 1947 | 17110 | 352 | 338 | 14 | 20·57 | 7 | — |
| 1948 | 17420 | 265 | 260 | 5 | 15·21 | 8 | — |
| 1948 | 17420 | 265 | 260 | 5 | 15·21 | 7 | — |
| 1949 | 17570 | 299 | 290 | 9 | 17·25 | 7 | 1 |
| 0000 | 00000 | 000 | 000 | 00 | 00·00 | 00 | — |
| | | | | | | | 0·88 |
| | | | | | | | 0·53 |
| | | | | | | | 0·54 |
| | | | | | | | 0·87 |
| | | | | | | | 0·44 |
| | | | | | | | 0·68 |
| | | | | | | | 0·37 |
| | | | | | | | 0·77 |
| | | | | | | | 0·45 |
| | | | | | | | 0·45 |
| | | | | | | | 0·45 |
| | | | | | | | 0·40 |
| | | | | | | | 0·00 |
| | | | | | | | 0·00 |

CLASSIFICATION OF DEATHS, 1941—1949.

| No. | Cause of Death | 1941 | | 1942 | | 1943 | | 1944 | | 1945 | | 1946 | | 1947 | | 1948 | | 1949 | |
|-----|-----------------------------------------|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|
| | | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| 1. | Typhoid and Para-Fevers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2. | Cerebro Spinal Fever | — | 1 | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — | — |
| 3. | Scarlet Fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4. | Whooping Cough | — | — | — | — | — | — | — | 1 | — | — | — | — | — | 2 | — | — | — | — |
| 5. | Diphtheria | 1 | 3 | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — | — |
| 6. | T.B. of Resp. System | 3 | 4 | 4 | 3 | 6 | 1 | 3 | — | 5 | 1 | 3 | 1 | 4 | 3 | 3 | — | 2 | 2 |
| 7. | Other Forms of T.B. | — | — | 1 | — | — | — | 3 | 1 | — | 1 | 1 | — | 1 | — | — | — | 1 | 1 |
| 8. | Syphilis Diseases | — | — | 1 | — | — | — | — | — | — | — | 1 | — | 2 | — | — | — | — | — |
| 9. | Influenza | 1 | 1 | — | — | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | — | — | — | — | 2 | 4 |
| 10. | Measles | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11. | Poliomyelitis and Polioencephalitis | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12. | A.C. Infectious Encephalitis | — | — | — | — | — | — | — | — | 1 | — | — | 1 | — | — | — | — | — | — |
| 13. | Cancer of Buccal Cavity (m) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14. | Cancer of Uterus (F) | 1 | 3 | 4 | 2 | 3 | 4 | — | 3 | — | 3 | 2 | 3 | 1 | 2 | 1 | 1 | 3 | 4 |
| 15. | Cancer of Breast | — | 5 | — | 2 | — | 4 | — | 2 | — | 3 | — | 2 | — | 6 | — | 4 | — | 4 |
| 16. | Cancer of stomach and duodenum | 5 | 2 | 4 | 2 | 3 | 1 | 5 | 2 | 2 | 6 | 7 | 2 | 7 | 2 | 2 | 3 | 3 | 3 |
| 17. | Cancer of all other sites... | 7 | 6 | 8 | 3 | 12 | 11 | 7 | 9 | 12 | 11 | 13 | 6 | 9 | 7 | 7 | 6 | 12 | 10 |
| 18. | Intracranial Vascular Lesion | 8 | 9 | 5 | 13 | 9 | 13 | 10 | 8 | 8 | 10 | 6 | 8 | 11 | 15 | 7 | 14 | 11 | 21 |
| 19. | Heart Disease | 25 | 32 | 18 | 13 | 27 | 30 | 21 | 19 | 32 | 17 | 28 | 19 | 31 | 28 | 24 | 22 | 25 | 25 |
| 20. | Other Diseases of Circulatory System | 4 | 2 | 2 | 2 | 1 | 1 | 2 | 4 | 2 | 5 | 3 | 3 | 6 | 4 | 3 | 6 | 4 | 8 |
| 21. | Bronchitis | 8 | 4 | 5 | 7 | 9 | 6 | 12 | 6 | 9 | 9 | 10 | 5 | 6 | 8 | 8 | 5 | 5 | 8 |

CLASSIFICATION OF DEATHS. 1941—1949 (continued).

| No. | Causes of Death | 1941 | | 1942 | | 1943 | | 1944 | | 1945 | | 1946 | | 1947 | | 1948 | | 1949 | |
|----------------|--------------------------------------------------------------|------|----|------|----|------|-----|------|----|------|----|------|----|------|----|------|----|------|-----|
| | | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| 22. | Pneumonia ... | 4 | 2 | 3 | 3 | 4 | 7 | 9 | 1 | 5 | 1 | 5 | 2 | 5 | 3 | 5 | 1 | 5 | 1 |
| 23. | Other Respiratory Diseases ... | 3 | — | 2 | — | 2 | 1 | 1 | 1 | 4 | — | 2 | — | — | 1 | 3 | 2 | 6 | — |
| 24. | Ulcer of Stomach and Duodenum ... | 2 | — | 1 | 1 | 1 | 1 | — | — | 3 | 1 | 2 | 1 | 1 | — | 1 | — | 3 | — |
| 25. | Diarrhoea (under 2 years) ... | — | — | 2 | 1 | 2 | 1 | 1 | — | 1 | 2 | — | — | 1 | — | — | — | 1 | — |
| 26. | Appendicitis ... | — | — | 1 | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — |
| 27. | Other digestive diseases ... | 1 | 1 | — | 3 | 2 | 6 | 1 | 2 | 1 | — | — | 6 | 1 | 1 | 1 | 5 | — | 3 |
| 28. | Nephritis ... | 7 | 2 | 3 | 3 | 8 | 2 | 1 | 3 | 4 | — | 4 | 2 | 4 | 2 | 2 | 6 | 3 | 1 |
| 29. | Puerperal and Post Abortive Sepsis ... | — | — | — | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30. | Other Maternal Causes ... | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — |
| 31. | Premature Births ... | 2 | 1 | 4 | 1 | 3 | 6 | 3 | 4 | 1 | 2 | 1 | 1 | — | 1 | 1 | — | 1 | — |
| 32. | Congenital Malformation, Birth Injury, Infantile Disease ... | 1 | — | 1 | 2 | 3 | 5 | 2 | 3 | 3 | — | 2 | 1 | 2 | 5 | — | — | 4 | — |
| 33. | Suicide ... | 4 | 1 | — | 2 | 1 | 1 | 1 | — | 1 | — | 2 | 1 | 1 | 1 | — | 3 | 1 | — |
| 34. | Road Traffic Accidents ... | 1 | — | 1 | — | — | 1 | 1 | — | 1 | — | — | 1 | 1 | — | 1 | — | — | — |
| 35. | Other Violent Causes ... | 3 | 1 | 2 | 1 | — | — | 2 | — | 3 | 2 | 1 | — | 3 | — | 2 | 1 | 3 | 2 |
| 36. | All other Causes ... | 8 | 9 | 7 | 6 | 3 | 8 | 15 | 6 | 6 | 8 | 7 | 11 | 10 | 8 | 6 | 8 | 8 | 7 |
| All causes ... | | 100 | 90 | 80 | 74 | 101 | 112 | 102 | 79 | 107 | 85 | 110 | 83 | 110 | 98 | 77 | 88 | 103 | 104 |

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

a) Laboratory Facilities.

(1) Examinations of Food, Milk, Water, Ice Cream and materials from patients, are carried out by the Public Health Laboratory, Monsall Hospital, Manchester (since 5th July, 1948).

(2) The laboratory of the Cheshire County Council carried out the following examinations :—

| | Positive | | Negative | | Total |
|-------------------------|----------|-------|----------|-------|-------|
| Sputum for Tuberculosis | 6 | ..... | Nil. | ..... | 6 |

(3) The Stockport Pathological Department, Stockport Infirmary carried out the following examinations :—

| | | | |
|------------------------|-----|-----|----|
| Blood for (Widal Test) | ... | ... | 13 |
| Faeces for Typhoid | ... | ... | 13 |
| Urine | ... | ... | 13 |

(b) Ambulance Service.

(1) The service is free to all residents. Hyde Isolation Hospital Ambulance service is available for cases of infectious diseases. As from 5th July, 1948, the service was taken over by the Divisional Health Committee.

(c) Clinics and Treatment Centres.

(1) Welfare centres are held weekly at both Bredbury and Romiley and continue to work satisfactorily. Immunisation against Whooping Cough and Diphtheria is carried out at these centres twice during any month.

(d) Nursing in the Home.

(1) One at Bredbury and one at Romiley employing 00 District Nurses. These were taken over by the Divisional Health Committee from 5th July, 1948.

(e) Hospitals. The hospital serving the district are the Stockport Infirmary, Manchester Royal Infirmary, Royal Eye Hospital, St. Mary's Hospital, and the skin diseases hospital, Manchester V.D. Clinics are available in Stockport and Manchester. The Convalescent Home and Hospital at Hazel Grove, and the hospital at Shaw Heath are available for neccessitous cases, whilst difficult cases occurring during pregnancy and parturition are received at Stepping Hill Hospital. Nine beds are retained at the Isolation Hospitals, Hyde, for patient from the district suffering from infectious diseases.

(f) Maternal Mortality. Investigations carried out by the Cheshire County Council.

(g) Regional Smallpox Accommodation. The regional Hospital Board approved a scheme for provision of accommodation for the isolation of smallpox. The following hospitals will be retained on a care and maintenance basis for the immediate isolation of smallpox and doubtful cases from the whole region :—

1. Elswick Leys Smallpox Hospital, Elswick Leys (30 beds).

2. Ainsworth Smallpox Hospital, New Bury (40 beds).

LIST OF ADOPTIVE ACTS AND BYE-LAWS IN FORCE IN THE DISTRICT

BYE LAWS.

| | | | |
|----------------------------------------|-----|-----|------------------------------|
| 1. Common Lodging Houses | ... | ... | Confirmed 11th October, 1886 |
| 2. Slaughter Houses | ... | ... | „ 11th May, 1916 |
| 3. Nuisances | ... | ... | „ 11th October, 1886 |
| 4. New streets (and buildings) | ... | ... | „ 19th August, 1926 |
| 5. Recreation Grounds | ... | ... | „ 5th January, 1932 |
| 6. Houses let in Lodgings | ... | ... | „ 24th January, 1934 |
| 7. Allotment Rules | ... | ... | „ 17th July, 1922 |
| 8. Slaughter of Animals Act, 1933 | ... | ... | „ 4th December, 1933 |
| 9. Buildings (Public Health Act, 1936) | ... | ... | „ 20th September, 1939 |

ACTS.

Public Health Acts Amendment Act, 1890. Adopted on 25th November, 1896, came into operation 1st January, 1897.

Local Government Act, 1894. Order made by L.G.B. on 17th October, 1898, conferring on the Council the power of appointing future assistant Overseers, powers, duties and liabilities of the Vestry in each parish ; powers, etc., of overseers, certain powers of a Parish Council not already vested in the Council, viz. :—Acquisition by agreement of rights of way, and powers of directing in what custody the books, writings, papers and documents of each parish shall be deposited.

Small Dwellings Acquisition Act, 1899.

(a) Adopted 31st January, 1900. Advances made.

(b) Advances also made under section 72 of the Housing Act, 1925.

Public Health Acts Amendment Act, 1907. Local Government Board issued Order on 27th September, 1909, declaring Parts II, III and V. Sections 52—66 inclusive and section 68 of Part IV and Sections 93 and 95 of Part X to be in force in the district on and after 15th November, 1909.

Public Health Act, 1925. Ministry of Health consented to the adoption by the Council of Section 21. (Prevention of water flowing on the footpath), Section 22 (preventing soil, etc., from being washed into street) and the sections contained in Part V. (Water courses, etc.) of the above Act—adoption to take effect on 2nd August, 1909.

Provisional Orders.

(1) For extending Bredbury, etc., 19th July, 1880. 13th September, 1902. Brinnington added to Bredbury.

(2) (a) Land at Lower Bredbury for Sewage Disposal, 3rd July, 1894.

(b) Land at Lower Bredbury for Pumping Station, 15th July, 1897.

(3) The Tramways Orders Confirmation (No. 1) Acr 1900 (Bredbury and Romiley U.D.C. Tramways Order, 1900).

County of Chester Review Order, 1936. U.D. of Compstall added to Bredbury and Romiley.

Special Order. Bredbury and Romiley Electricity Order, 1925 (several fringe Orders obtained. Lapsed 31st March, 1948.).

MORTUARIES.

The Council provide two small mortuaries, one situated at Stockport Road, Romiley, and one at Manor Road, Woodley.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

The Council are the Water Authority.

A bulk supply is obtained from the Stockport Corporation Water Department from the Goyt, Kinder, Lyme Park and Longdendale sources.

Analyst's Report on Water.

GOYT VALLEY (Main Supply). Tap on main outlet, filtered water.

KINDER. Filtered water tap on Venturi Meter Chamber.

LYME PARK. Filtered water tap on main outlet.

RESULTS. Satisfactory, both bacteriologically and Chemically.

The water supply of the area and of its several parts has been satisfactory

(a) in quality. (b) in quantity.

Bacteriological examinations were made monthly of the raw water and weekly of the treated water going into supply, the results being satisfactory. Chemical analyses were made monthly of the raw and treated water going into supply, the results being satisfactory.

The water is stored in impounding reservoirs, treated by mechanical filtration plant and subsequently chlorinated.

The water is chemically treated to prevent plumbo solvent action, with satisfactory results. The chemical analyses are dealt with in (ii) above.

There are no supplies by means of stand pipes. All supplies are direct to houses.

Manchester—Longdendale Supply.

Report by Chief Chemist. The water has been neutralised with hydrate of lime all through the year.

Sterilisation by chloramine treatment has been applied continuously. The ammonia added in such treatment accounts for the major parts of the free and saline ammonia found in the supply. The bacteriological results are excellent.

The colour turbidity and organic matter content as measured by the oxygen absorbed test are subject to seasonal variations. The other results are more or less constant.

Houghton Green Water Supply. The water supplied to Houghton Green is not filtered, except that it passes through fine strainers at the Godley reservoirs and also is chlorinated.

The experimental Purification Plant is being erected at Denton Reservoirs. It will be some years before any full purification scheme can be put into operation.

Plumbo-Solvency. Below are the actual results upon distribution, the water having stood with the lead service overnight, i.e., for eight hours.

| Date 1949. | | | P.H. Value | Lead content as Pb. parts per million. | |
|------------|----|-------|------------|-------------------------------------------|------|
| Feb. | 7 | ..... | 7·1 | ..... | 0·12 |
| June | 7 | ..... | 7·3 | ..... | 0·16 |
| Nov. | 28 | ..... | 6·42 | ..... | 0·20 |
| Dec. | 13 | ..... | 6·30 | ..... | 0·42 |
| Dec. | 20 | ..... | 6·60 | ..... | 0·30 |

In the Brinnington area 41 houses are supplied direct by Stockport.

Houses without Public Water Supply.

| | | |
|---------------------------------------------|-----|----|
| Bredbury District (Wells and Springs, etc.) | ... | 26 |
| Romiley District (Wells and Springs, etc.) | ... | 9 |
| Compstall | ... | 58 |

Water Mains Laid December, 1948—1949.

CHERRY TREE HOUSING ESTATE. None.

WOODLANDS HOUSING ESTATE—

4 in. 1,174 yards (total mains laid on estate.)

6 in. 1,003 yards (total mains laid on estate.)

December, 1948-49 4 in. 422 yards.

6 in. 471 yards.

Water Supply. A detailed survey of the water supplies of the Counties of Cheshire and Lancashire was decided upon by the Minister of Health, and in March, 1948, he instructed Mr. A. R. Vail, B.Sc., M.I.C.E., one of the Department's Engineering Inspectors to make such a survey.

Mr. Vail interviewed the appropriate officials of local authorities owning water undertakings in the counties concerned and he has been engaged in collating the data for his report.

The report was well advanced at the end of 1949, and publication was expected in a few months.

It is proposed to include some excerpts from the survey in next year's annual report.

Meteriological Information.

A detailed report is supplied each year by Mr. Frank Edwards of Greave, Romiley, and by Mr. Ronald Kerton (Sewage Works Manager) for Bredbury.

The following are the main features :—

ROMILEY. Abundant sunshine, its warmth and excessive wetness during November and December. The rainfall for 1949 was 34.11 inches. compared with 39.32 for 1948, and 32.50 for 1947.

BREDBURY. Total rainfall for the year ... 28.01 ins.

Maximum rainfall in 24 hours on 7th November, 1.00 ins.

Number of days with .01 inches or more ... 152

Number of days with .04 inches or more ... 111

The rainfall for 1948 was 35.55 inches and 28.42 for 1947.

PUBLIC CLEANSING.

Refuse Collection. During 1949 the outdoor staff consisted of :—

| | |
|-------------------|------------------------------|
| 3 Driver-Loaders. | 1 tip man |
| 10 Loaders | 1 Salvage Baler (hand press) |

The collection of refuse is carried out by three Shelvoke and Drewry S. and D. Freighters. All men employed on the collection of House Refuse were provided with waterproof clothing (Coat and leggings) and two sets of overalls and leather gloves as required.

Refuse Disposal. Refuse is disposed of by controlled tipping on Ashton Road Site Bredbury. The tip was treated for pests regularly with good results. D.D.T. powder being used for crickets and beetles. The tip was also sprayed for insects with an Insect Exterminator.

Salvage. Salvage continues to be collected in separate trailers behind the refuse waggons. No special journey is made, all salvage is collected on the House Refuse Collection round, one man is employed sorting and baling.

Weight and value of salvage collected during 1949 is as follows :—

| Last year | Tons | cwts. | qrs. | lbs. | £ | s. | d. |
|------------------|------|-------|------|------|-----|-------|------|
| Waste Paper ... | 96 | 17 | 1 | — | ... | 522 | 4 8 |
| Books & Mags. | 24 | 6 | — | — | ... | 211 | 8 5 |
| Mixed Rags ... | 7 | 1 | — | — | ... | 100 | 14 3 |
| Kraft Brown ... | — | 16 | — | — | ... | 10 | 8 0 |
| Carpets & Sackg. | 5 | 5 | 2 | 15 | ... | 26 | 17 7 |
| String | — | 15 | 2 | 1 | ... | 4 | 2 7 |
| Bones | — | 1 | 3 | 4 | ... | 0 | 8 5 |
| Scrap Metal ... | 7 | 10 | 2 | — | ... | 15 | 1 0 |
| Totals, 1949 ... | 142 | 13 | 2 | 20 | ... | £891 | 4 11 |
| Totals 1948 ... | 148 | 5 | 3 | 21 | ... | £1121 | 8 6 |

Petroleum (Regulations) Acts, 1928 and 1936 :

Duties in connection with the storage of petroleum are carried out by the Health Department under the above Acts.

Number of licences issued to store petrol during 1949 ... 29.

Total quantity of petrol covered by licences ... 18,960 gals.

Total amount of fees paid ... £16 15s. 0d. o

HOUSE REFUSE COLLECTION.

| | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 |
|-----------|------|--------|--------|--------|--------|--------|--------|--------|
| Loads ... | ... | 1919 | 1911 | 1959 | 2253 | 2478 | 2856 | 3005 |
| Ashpits | ... | 877 | 870 | 957 | 901 | 937 | 996 | 949 |
| Ashbins | ... | 111792 | 104801 | 106777 | 113175 | 124774 | 171265 | 152826 |
| Pails ... | ... | 9672 | 9496 | 9486 | 9916 | 10128 | 100761 | 10266 |
| Cesspools | ... | 20 | 25 | 20 | 21 | 20 | 20 | 19 |

SEWAGE AND SEWAGE DISPOSAL.

Sludge Processing. The Sludge Processing Scheme authorised by the Ministry of Health on 20th August, 1948, was completed during the year and the sludge drying beds were brought into use.

Conversions. Three completed during year.

SCHOOLS.

| | | |
|------------------------------------|------------------|------------------------|
| Bredbury St. Marks Primary | ... | (Type A Canteen) |
| Woodley Primary | ... .. | " " |
| Bredbury Primary | ... .. | " " |
| Romiley Primary | ... .. | " (recently completed) |
| Compstall Primary | ... .. | " " |
| Lower Bredbury Primary | ... | In course of erection. |
| Harrytown Secondary Modern (Boys) | Type A. Canteen. | |
| Harrytown Secondary Modern (Girls) | Type A Canteen. | |
| Harrytown Convent of the Nativity. | | |

SWIMMING BATHS.

There are no public or privately owned swimming baths or pools in the district of Bredbury or Romiley. The people from the area use the public baths in the neighbouring areas of Marple, Hyde and Stockport.

CLOSET ACCOMMODATION.

| | | | |
|------|-----|---------------------|----------|
| 1948 | | | 1949 |
| 5513 | ... | Flush Water Closets | ... 5643 |
| 238 | ... | Waste Water Closets | ... 235 |
| 193 | ... | Pail Closets | ... 193 |
| — | ... | Wet Privies | ... 51 |
| 50 | ... | Dry ashpits | ... 50 |
| 5438 | ... | Sanitary Ashbins | ... 5580 |
| 14 | ... | Septic Tank | ... 14 |
| 8 | ... | Chemical Closets | ... 8 |

PLACES OF ENTERTAINMENT.

The sanitary accommodation of thirteen Public Halls, Cinemas, etc., were inspected, all complied with the regulations, and certificates were granted by the Council.

SMOKE ABATEMENT.

The Council are members of the Manchester and District Regional Smoke Abatement Committee which resumed work in 1946, after suspending its activities on the outbreak of hostilities. The Committee comprises Local Authorities within a radius of 15 miles.

During the year several smoke observations were taken of factory chimneys in the district. Any contravention of the Council's Bye-laws which occur is visited by an officer of the Council for the purpose of warning, and the factory concerned is given instruction with a view to abating the nuisance.

RODENT CONTROL.

The Council employ one full-time Rodent Operative who works under the supervision of the Sanitary Inspector. His work is to carry out steps for the destruction of rats.

In addition to private dwellings certain business premises have received attention, notably a Paper Tube Factory, a Hat Works, Calico Printers, and a Wallpaper Manufacturers. The County Council schools have also received attention.

The Council refuse tip situated in Ashton Road, Bredbury, was treated periodically with satisfactory results.

SECTION D.

HOUSING.

(1) Inspection of Dwelling Houses during the year.

| | | |
|----------|---------------------------------------------------------------------------------------------------------------------------|-----|
| (i) (a) | Total number of houses inspected for housing defects (under the Public Health Act and Housing Act) | 158 |
| (b) | Number of inspections made for the purpose | 316 |
| (ii) (a) | Number of dwelling houses included in (1) (a) which were inspected and recorded under Section 5, Housing Act, 1936 | 4 |
| (b) | Number of inspections made for the purpose | 8 |
| (iii) | Number of dwelling houses found to be in such a state as to be unfit for human habitation | 6 |
| (iv) | Number of dwelling houses found not to be in all respects fit for human habitation | 4 |
| | Remedy of defects without service of Formal Notice. | |
| | Number of houses rendered fit | 35 |

Action under Statutory Power.

| | | |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|----|
| (i) | Proceedings under sections 9, 10 and 16, Housing Act, 1936. | |
| (a) | Number of dwelling houses in respect of which Notices were served requiring repairs | 8 |
| (b) | Number of houses rendered fit after service of Formal Notice (including notices served prior to 1949) | 8 |
| (ii) | Proceedings under Sections 11 and 13, Housing Act, 1936. | |
| (a) | Number of houses in respect of which Demolition Orders were made. | 4 |
| (b) | Number of dwelling houses demolished in pursuance of demolition orders | 1 |
| (iii) | Proceedings under Public Health Acts. | |
| (a) | Number of dwelling houses in respect of which notices were served requiring defects to be remedied | 61 |
| (b) | Number of dwelling houses in respect of which defects were remedied after service of Formal Notice (including notices served prior to 1949)... .. | 59 |

HOUSING DEVELOPMENT.

| | | | | | |
|------------------------------------------------|-----|-----|-----|-----|-----|
| Pre-war Houses | ... | ... | ... | ... | 613 |
| Houses Subsidised 1923 Act. Private Enterprise | ... | ... | ... | ... | 280 |
| Advances made in respect of houses | ... | ... | ... | ... | 5 |
| Houses and flats built since 1945 (by Council) | ... | ... | ... | ... | 304 |
| Houses Licence—Private Enterprise | ... | ... | ... | ... | 57 |
| Houses in course of erection (Council) | ... | ... | ... | ... | 130 |
| Shops (Plans approved) (with flats above) | ... | ... | ... | ... | 4 |
| Police Houses | ... | ... | ... | ... | — |

FACTORIES ACTS 1937 and 1948.

Prescribed particulars on the administration of the Factories Act, 1937.

Part I of the Act.

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

| Premises 1. | Number on register 2 | Inspections 3. | Number of Written notices 4. | Occupier's prosecuted 5. |
|------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|---------------------------------------|--------------------------------|
| (i) Factories in which Sections 1, 2, 3, 4 and 5, are to be enforced by Local Authorities ... | 18 | 78 | — | — |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... | 72 | 174 | — | — |
| (iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... | — | — | — | — |
| Total ... | 90 | 252 | — | — |

Cases in which Defects were found.

| Particulars | No. of cases in which defects were found | | | | No. of cases in which prosec'ns were instituted |
|---------------------------------------------------------------------------------|------------------------------------------|----------|------------------------|------------------------|-------------------------------------------------|
| | Found | Remedied | Referred to H.M. Insp. | Referred to H.M. Insp. | |
| Want of Cleanliness (S1) ... | 2 | 2 | — | — | — |
| Overcrowding (S2) ... | — | — | — | — | — |
| Unreasonable temperature (S3) ... | — | — | — | — | — |
| Inadequate ventilation (S4) ... | — | — | — | — | — |
| Ineffective drainage of floors (S6) ... | 1 | 1 | — | — | — |
| Sanitary Conveniences (S7) : | | | | | |
| (a) Insufficient ... | 1 | 1 | — | — | — |
| (b) Unsuitable or defective... | — | — | — | — | — |
| (c) Not separate for sexes ... | — | — | — | — | — |
| Other offences against the Act (not including offences relating to Outwork) ... | — | — | — | — | — |
| Total ... | 4 | 4 | — | — | — |

Shops and Business Premises.

The following is a classified list of the Trades carried on in the district :

| | | |
|-------------------------------------------------|--------|------------|
| Waste Paper Mill and Textile Paper Tube Factory | ... | 1 |
| Builders | ... .. | 12 |
| Hardware | ... .. | 5 |
| Boot and Shoe repairs | ... .. | 5 |
| Printers | ... .. | 1 |
| Coal Merchants | ... .. | 10 |
| Offices | ... .. | 3 |
| Hairdressers | ... .. | 13 |
| Dry Cleaners and Laundries | ... .. | 3 |
| Garages, Electricians | ... .. | 11 |
| Drapers, Milliners, Outfitters, etc. | ... .. | 7 |
| Painters and Decorators | ... .. | 4 |
| Jewellers, Opticians, etc. | ... .. | 2 |
| Footwear Shops | ... .. | 4 |
| Chemists, Druggists, etc.... | ... .. | 3 |
| Grocers and Greengrocers | ... .. | 34 |
| Bakers and Confectioners | ... .. | 10 |
| Butchers | ... .. | 12 |
| Fried Fish Shops | ... .. | 12 |
| Wet Fish Shops | ... .. | 9 |
| Tripe Shops | ... .. | 9 |
| Cafes and Dairies | ... .. | 9 |
| Cinemas | ... .. | 2 |
| Haulage Contractors | ... .. | 2 |
| Masseur | ... .. | 1 |
| Brick works | ... .. | 1 |
| Textile Manufacturers | ... .. | 6 |
| Total | ... .. | <u>201</u> |

SECTION E.

MILK SUPPLY.

The district has 42 producers of milk—this number includes 5 wholesalers
37 retailers.

Samples of milk are taken monthly and tested for fat and sediment contents.

Samples of milk were also taken by the County Council and tested for tuberculosis infection during 1949. No evidence of tuberculosis infection was found.

Food and Drugs Act, 1938 and 1944, and Milk and Dairies Regulations, 1949 :

Number of persons registered as distributors of milk 31

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Number of dairies (Not being Dairy Farms) registered | 2 |
| Milk (Special Designation) (Raw Milk) Regulations, 1949 : | |
| Number of Supplementary Licences issued by the Council during 1949, under the above regulations authorising the use of the special designation Tuberculin Tested | 2 |
| Milk (Special Designation) Pasteurised Sterilised Milk) Regulations, 1949 : | |
| Number of Supplementary Licences issued by the Council during 1949 under the above regulations authorising the use of the special designation Pasteurised and Sterilised... .. | 11 |
| Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949 : | |
| Number of Dealers' Licences issued during 1949 under the above regulations authorising the use of the special designation Pasteurised or Sterilised | 24 |

MEAT AND OTHER FOODS.

Slaughter Houses. During 1949 five licences to keep premises as a slaughter house were granted, these were only used for the occasional slaughter of pigs.

Slaughtermen. The Council granted fifteen licences to slaughter animals during the year 1949.

Bakehouses. Bakehouses have been visited periodically during the year, these were found to be in a clean and satisfactory condition.

Food and Canned Goods condemned during the year 1949.

7 tins of Salmon. 22 tins of Luncheon meat. 33 tins of evaporated milk. 19 tins of tomatoes. 24 tins of Sandwich Spread. 9 tins of Rabbit. 112 lbs. of wet fish. 1 tin of Whalemeat. 16½ lbs. of bacon. 35 lbs. of beef. 6 tins of baked beans. 6 tins of Stewed Steak. 106 lbs. of Pork. 48 cartons of Quaker Oats. 10 tins of Grape Fruit. 10 tins of Apple Pulp. 8 tins of carrots. 1 12 oz. tin pork luncheon. 12 tins of Potato Soups.

ICE CREAM PREMISES.

A register of retailers of ice cream is kept. These premises are inspected and must comply with the Regulations before being placed on the Council's Register.

The following table shows the results of examinations of Ice Cream samples taken during the year.

| | Satisfactory | Unsatisfactory | Total |
|-------------------------------------------------------------------|--------------|----------------|-------|
| Manufactured and sold in the district | Nil. ... | Nil ... | Nil |
| Manufactured outside the district and sold in the district | Nil ... | Nil ... | Nil |

Infectious Diseases. Removal to Hospital.

During the year 1949 the following cases of infectious diseases were removed to Isolation Hospitals by the Council's Public Health department at the request of the Private doctor :—

| | |
|----------------------|---|
| Diphtheria | 1 |
| Typhoid Fever | 1 |
| Scarlet Fever | 6 |
| Total | 8 |

DIPHTHERIA IMMUNISATION.

During the year 1949 the following children were immunised under the Council's scheme for Protective Immunisation against Diphtheria :—

| Age | 31.12.49 | | | | | | <i>Number Immunised</i> |
|-------------------|----------|-----|-----|-----|-----|-----|-----------------------------|
| Under 5 years | ... | ... | ... | ... | ... | ... | 117 |
| 5—9 years | ... | ... | ... | ... | ... | ... | 8 |
| 10—14 years | ... | ... | ... | ... | ... | ... | 5 |
| 15 years and over | ... | ... | ... | ... | ... | ... | — |
| Total | ... | ... | ... | ... | ... | ... | <hr/> 130 <hr/> |

In addition 42 children received a secondary or reinforcing injection, mainly on attaining school age.

SEWAGE (OR SLUDGE) PROCESSING.

A tender for supplying and fixing electric lighting and power units in the drying shed and workmen's mess room and stores Building at the Sewage Works was accepted in November, 1949.

An offer for the total output of dried digested sewage on a long term contract was submitted in July, 1949.

The Bickle Engineering Co. Ltd., supplied a conveyor loader which takes either bagged or loose material.

The Material has a self-drying property, apart from air drying in the shed and no undue difficulty was experienced in maintaining a ten per cent. moisture content. The mesh of the screen in the Bickle Pulver Blender was $\frac{3}{32}$ ins.

An analysis taken of digested ground sewage was as follows :—

| | | | | | Per cent. | | |
|----------------|-----|-----|-----|-----|--------------------|-----|--------------------|
| Moisture | ... | ... | ... | ... | 7.55 | ... | 10.00 |
| Protein | ... | ... | ... | ... | 15.00 | ... | 14.60 |
| Grease | ... | ... | ... | ... | 6.58 | ... | 6.40 |
| Humus | ... | ... | ... | ... | 24.03 | ... | 23.40 |
| Mineral Matter | ... | ... | ... | ... | 46.84 | ... | 45.60 |
| | | | | | <hr/> 100.00 <hr/> | ... | <hr/> 100.00 <hr/> |

Section F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES, 1939—1949.

The following table shows the number of Infectious Diseases notified from 1939—1949.

| Diseases | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 |
|-------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Small Pox ... | — | — | — | — | — | — | — | — | — | — | — |
| Scarlet Fever ... | 51 | 17 | 9 | 84 | 54 | 34 | 105 | 27 | 22 | 19 | 26 |
| Diphtheria ... | 6 | 17 | 35 | 24 | 16 | 15 | 5 | 8 | 6 | 6 | 2 |
| Enteric (including Paratyphoid Fever) ... | — | — | — | — | — | — | — | — | — | — | 1 |
| Erysipelas ... | — | — | 1 | 4 | 4 | 4 | 3 | — | — | 1 | 1 |
| Acute Poliomyelitis ... | — | — | — | — | — | 1 | — | — | 5 | — | — |
| Ophthalmia Neonatorum ... | 1 | — | — | 1 | — | — | 1 | — | — | — | — |
| Pneumonia ... | 10 | 8 | 12 | 5 | 3 | 7 | 3 | 2 | 6 | 3 | 5 |
| Cerebro Spinal Fever ... | — | — | 1 | 1 | 2 | 3 | — | — | — | — | — |
| Acute Polio Encephalitis ... | — | 1 | 1 | 1 | 1 | — | — | 1 | — | — | — |
| Dysentery ... | 7 | — | — | — | — | — | — | — | — | — | — |
| Measles ... | 7 | 179 | 28 | 136 | 141 | 116 | 150 | 60 | 109 | 17 | 69 |
| Whooping Cough ... | — | 11 | 35 | 20 | 25 | 54 | 14 | 23 | 29 | 30 | 32 |
| Encephalitis Lethargica ... | — | — | — | 1 | — | — | — | 1 | — | — | — |
| Totals ... | 82 | 233 | 122 | 277 | 246 | 234 | 281 | 132 | 177 | 76 | 136 |

Measles and Whooping Cough were not notifiable until October, 1939.

ANALYSIS OF AGE PERIODS (All infectious Diseases excluding Diphtheria—1949).

| Disease | 0-1 | 1-3 | 3-5 | 5-10 | 10-15 | 15-25 | 25-45 | 45-65 | 65 and over | Total 1000 | Rate per 1000 pop. | England and Wales |
|-------------------|-----|-----|-----|------|-------|-------|-------|-------|-------------|------------|--------------------|-------------------|
| Scarlet Fever ... | 1 | 2 | 5 | 16 | 1 | 1 | — | — | — | 26 | 1.48 | 1.63 |
| Paratyphoid Fever | — | — | — | — | — | 1 | — | — | — | 1 | 0.06 | 0.01 |
| Erysipelas ... | — | — | — | — | — | — | — | 1 | — | 1 | 0.06 | 0.19 |
| Pneumonia ... | — | 1 | — | — | — | 1 | 2 | 1 | — | 5 | 0.28 | .7 0 |
| Measles ... | 1 | 14 | 23 | 30 | — | — | — | 1 | — | 69 | 3.36 | 8.95 |
| Whooping Cough | — | 11 | 10 | 9 | 1 | — | 1 | — | — | 32 | 1.82 | 2.39 |
| Totals ... | 2 | 28 | 38 | 55 | 2 | 3 | 3 | 3 | — | 134 | — | — |

AGE DISTRIBUTION — DIPHTHERIA.

| | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|
| 0—1 years | — | — | — | 1 | — | — | — | — | — | — | — |
| 1—2 " | 1 | — | — | — | — | — | — | — | — | — | — |
| 2—3 " | — | 1 | 2 | — | — | — | — | — | 2 | — | — |
| 3—4 " | 2 | 2 | 1 | — | 1 | 2 | — | 1 | 1 | — | — |
| 4—5 " | 1 | 1 | 2 | 4 | 1 | 3 | — | — | — | — | 1 |
| 5—10 " | 1 | 3 | 10 | 9 | 7 | 7 | 1 | 2 | — | 2 | — |
| 10—15 " | — | 3 | 7 | 2 | 2 | 1 | 2 | 1 | 2 | — | — |
| 15—20 " | 1 | 3 | 6 | 5 | 2 | 2 | 1 | 2 | — | — | — |
| 20—35 " | — | 4 | 4 | 2 | 3 | — | — | 2 | 1 | — | — |
| 35—45 " | — | — | 2 | 1 | — | — | — | — | — | 4 | 1 |
| 45—65 " | — | — | 1 | — | — | — | 2 | — | — | — | — |
| 65 and over | — | — | — | — | — | — | — | — | — | — | — |
| Totals ... | 6 | 17 | 35 | 24 | 16 | 15 | 6 | 8 | 6 | 6 | 2 |
| Deaths ... | 1 | — | 4 | — | — | 1 | — | — | — | — | — |

Diphtheria Notifications and Deaths in relation to Immunisation during the year 1949.

NOTE : Deaths are those finally registered in the area after allowing for inward and outward transfers.

| NOTIFICATIONS | | | DEATHS | | |
|-----------------------------|--------------------------|-----------------------------------------------------------------------------------------------------|--------------|------------------|-----------------------------------------------------------------------------------------------------|
| Age at date of notification | Number of cases notified | Number of cases in preceeding column in which the child had completed a full course of immunisation | Age at Death | Number of Deaths | Number of cases in preceeding column in which the child had completed a full course of immunisation |
| Under 1 year | Nil | Nil | Under 1 year | Nil | Nil |
| 1 " | Nil | Nil | 1 " | Nil | Nil |
| 2 " | Nil | Nil | 2 " | Nil | Nil |
| 3 " | Nil | Nil | 3 " | Nil | Nil |
| 4 " | 1 | Nil | 4 " | Nil | Nil |
| 5-9 " | Nil | Nil | 5-9 " | Nil | Nil |
| 10-14 " | Nil | Nil | 10-14 " | Nil | Nil |
| Totals | 1 | Nil | Totals | Nil | Nil |

TABLE OF ANALYSIS OF INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS)
Cases notified during the year 1949.

| Diseases | Total No. | under 1 yr. | 1 year | 2 years | 3 years | 4 years | 5-10 years | 10-15 years | 15-20 years | 20-35 years | 35-45 years | 46-65 years | Over 65 |
|----------------|--------------|----------------|-----------|------------|------------|------------|---------------|----------------|----------------|----------------|----------------|----------------|------------|
| Typhoid | 1 | — | — | — | — | — | — | — | 1 | — | — | — | — |
| Scarlet Fever | 26 | 1 | — | 2 | — | 4 | 17 | 1 | 1 | — | — | — | — |
| Diphtheria | 2 | — | — | — | — | — | 1 | — | — | — | 1 | — | — |
| Erysipelas | 1 | — | — | — | — | — | — | — | — | — | — | 1 | — |
| Pneumonia | 5 | — | — | — | — | — | — | — | 1 | 1 | 1 | 2 | — |
| Measles | 69 | 1 | 5 | 8 | 11 | 13 | 30 | — | — | — | — | 1 | — |
| Whooping Cough | 32 | — | 4 | 7 | 3 | 7 | 9 | 1 | — | — | 1 | — | — |
| Meningitis | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — |
| Totals 1949 | 137 | 3 | 9 | 17 | 14 | 24 | 57 | 2 | 3 | 1 | 3 | 4 | — |
| Totals 1948 | 77 | 2 | 12 | 3 | 7 | 9 | 30 | 2 | 3 | — | 7 | 1 | 1 |

TUBERCULOSIS.

(a) Cases on Register.

| Cases on Register. | | | | | | | | | | |
|------------------------------------------------------------------------|--|------|-----|---------------------|-----|------|-----|-------------------------|-----|-------|
| | | Male | | Pulmonary Female | | Male | | Non-Pulmonary Female | | Total |
| Cases on Register 31.12.1948 ... | | 35 | ... | 29 | ... | 13 | ... | 21 | ... | 98 |
| Cases notified during 1949 ... | | 5 | ... | 2 | ... | 1 | ... | 3 | ... | 11 |
| Cases added to register other than by formal notification ... | | 3 | ... | 1 | ... | — | ... | — | ... | 4 |
| Totals ... | | 43 | ... | 32 | ... | 14 | ... | 24 | ... | 113 |
| Cases removed from register during 1949 ... | | 4 | ... | 2 | ... | 1 | ... | 1 | | 8 |
| Cases remaining on register at 31st Dec., 1949 | | 39 | ... | 30 | ... | 13 | ... | 23 | ... | 105 |

(b) Particulars of persons removed from Register.

| | | | Pulmonary | | | Non-Pulmonary | | | |
|---------------|-----|-----|-----------|--------|---|---------------|--------|-----|-------|
| | | | Male | Female | | Male | Female | | Total |
| Died | ... | ... | 3 | ... | 1 | ... | 1 | ... | 6 |
| Recovered | ... | ... | — | ... | 1 | ... | — | ... | 1 |
| Left District | ... | ... | 1 | ... | — | ... | — | ... | 1 |
| Totals... | | | 4 | ... | 2 | ... | 1 | ... | 8 |

NEW CASES AND MORTALITY DURING 1949

| Age Period | New Cases | | | | Deaths | | | |
|----------------|-----------|---------|---------------|---------|-----------|---------|---------------|---------|
| | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| | Males | Females | Males | Females | Males | Females | Males | Females |
| 0— 1 years ... | — | — | — | — | — | — | — | — |
| 1— 5 „ ... | — | — | — | 1 | — | — | — | 1 |
| 5—15 „ ... | 2 | — | — | — | — | — | — | — |
| 15—25 „ ... | 4 | 1 | 1 | — | 1 | — | 1 | — |
| 25—35 „ ... | 2 | — | — | 1 | 1 | 1 | — | — |
| 35—45 „ ... | — | 2 | — | — | — | — | — | — |
| 45—55 „ ... | — | — | — | — | — | — | — | — |
| 55—65 „ ... | — | — | — | 1 | — | — | — | — |
| Over 65 „ ... | — | — | — | — | 1 | — | — | — |
| Totals ... | 8 | 3 | 1 | 3 | 3 | 1 | 1 | 1 |

Total number of cases remaining on register at 31st December, 1949.

| | Pulmonary | | Non-Pulmonary | |
|-------------|-----------|----|---------------|----|
| Males ... | ... | 39 | ... | 13 |
| Females ... | ... | 30 | ... | 23 |
| Totals... | ... | 69 | ... | 36 |
| 1948 ... | ... | 64 | ... | 34 |

